

This is the monthly newsletter of the LANL Engineering Standards Program. The Standards are mandatory documents that define the minimum design criteria, fabrication, and installation practices for the design, repair, and alteration of LANL facilities and the programmatic equipment within them. [[IMP 342](#)]

Topics this month:

- **WSS Whatzup Follow-up**
- **Concrete Help is Here -- ACI added to IHS Subscription**
- **LANL Standards Issued in July**
- **DOE Standard Actions**
- **Topics Last Month (in case of delivery failure)**

The Standards Homepage: <http://engstandards.lanl.gov/>

### **WSS WHATZUP FOLLOW-UP**

Last month's Update addressed the new prime contract's Appendix G directives listing, noting that the Work Smart Standards set was no longer a part of it.

To elaborate on one point: the WSS had said that LANL had to comply with applicable Federal, State, and local ES&H-related laws and regulations. Please note the LANS contract is substantially the same as the UC contract in this respect:

From [LANS Contract](#) Section I Page 44

I-123 DEAR 970.5204-2 LAWS, REGULATIONS, AND DOE DIRECTIVES (DEC 2000)  
(DEVIATION)

- (a) In performing work under this contract, the contractor shall comply with the requirements of applicable Federal, State, and local laws and regulations (including DOE regulations), unless relief has been granted in writing by the appropriate regulatory agency.

Per Legal Counsel Office, "LANS' obligation is only to comply with applicable laws and regulations. There may be statutory exemptions or other legal exclusions under which certain laws or regulations may not apply to LANS. Therefore, we still need to be careful in determining what laws we need to comply with. If there is any question as to whether specific laws and regulations apply to LANS, please confer with office."

The Conduct of Engineering Office is working with Legal to resolve the applicability and ramifications of such mandates as the New Mexico Building Codes, Night Sky Act, Architectural Act, and Engineering and Surveying Practice Act.

### **CONCRETE HELP IS HERE -- ACI ADDED TO IHS SUBSCRIPTION**

College civil engineering programs have long competed in [concrete canoe racing](#). Those interested in concrete at LANL are in luck: the Research Library has added the American Concrete Institute's standards to LANL's IHS online codes & standards subscription.

Other society standards online from the Library include ANS, ANSI A-Z, ASCE, ASHRAE, ASME incl. B&PVC, ASQ, ASTM, AWS, Historical DoD, ICC (I-Codes), IEEE, ISA, ISO Quality Series, Military Specifications & Standards, NEIS from NECA, NEMA, NFPA, SMACNA, UL. We also get standards from other societies that the DoD has adopted, so try a search and you'll often get what you need.

### **LANL STANDARDS ISSUED IN JULY**

#### **LANL Engineering Standards Manual ISD 342-1**

**Chapter 13 -Welding, Volume 1, GWS 1-03.** Updated the LANL-Approved AWS-CWI's. This reference document to ESM now indicates which CWIs are approved to inspect work in accordance with IBC Chapter 17 on Special Inspection. Contact: Kelly Bingham

#### **LANL Master Specifications Manual ISD 342-2**

**01 3300 R1**, Submittal Procedures – Added electronic submittals; expanded electrical, I&C, project record submittals. Thanks to: Scott Day, Grant Stewart

**01 3545 R1**, Water Discharge Requirements – Administrative changes. Thanks to: Mike Nicolini

**01 7839 R1** Project Record Documents – Admin changes. Updated document based on 01720 R3 which was approved 9/5/03.

**09 9100 R1** Painting –Addition to 3.3.B. Clarified requirements for items not to be painted including acceptance criteria. Thanks to: Jim Streit, Scott Richardson

### **DOE STANDARD ACTIONS** <http://www.eh.doe.gov/techstds/standard/index.html>

Changes this month:

None.

Above URL will take you to the "DOE Technical Standards Full-Text Documents." Clicking on "Approved Standards" or "Recently Approved" on the left margin takes you to the Standards.

**TOPICS LAST MONTH (IN CASE OF DELIVERY FAILURE)**

With all of the organizational changes and listmanager impacts, it's likely that some did not get last month's e-mailed Update -- and this uncertainty may continue for a while. Likewise, if you're getting two copies, I may be able to fix the problem. Back issues are posted on the Standards Homepage. FYI, the July Update topics were:

- Whatzup with WSS?
- New Structural Courses Available
- Welding Database Upgrade
- Spec Numbering and Filling the Gaps
- LANL Standards Issued in July
- DOE Standard Actions

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To request a change to this newsletter's distribution contact Tobin Oruch, [oruch@lanl.gov](mailto:oruch@lanl.gov). Previous issues of this Update are available; click "Monthly Update" below the Google search on the Standards homepage <http://engstandards.lanl.gov/>

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